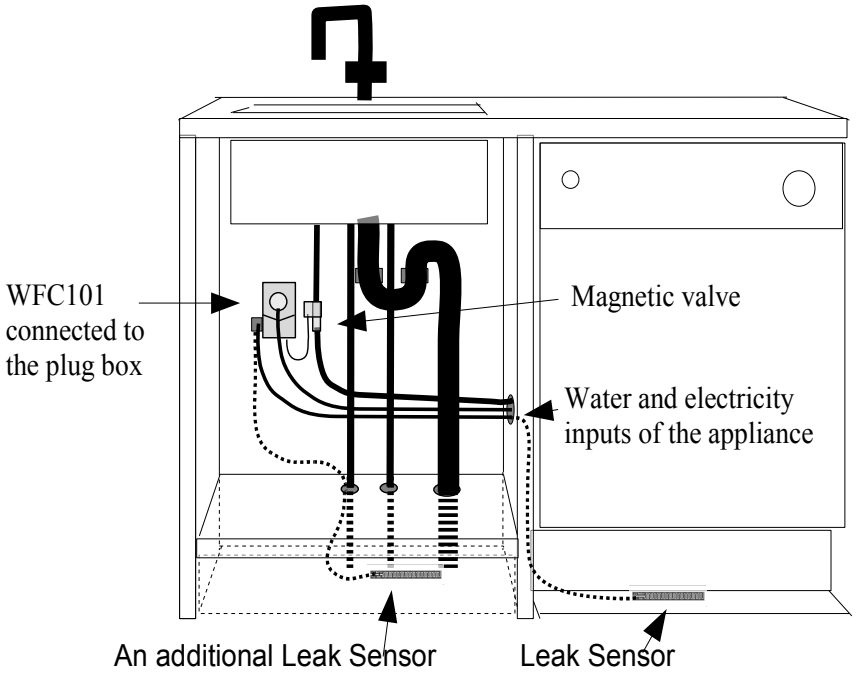
Guarantee

Guarantee is for 24 months from the date of purchase. The guarantee doesn't cover any indirect damage caused due to non functioning of the appliance or damage caused by using the appliance carelessly or not according to the instructions.

Technical Information

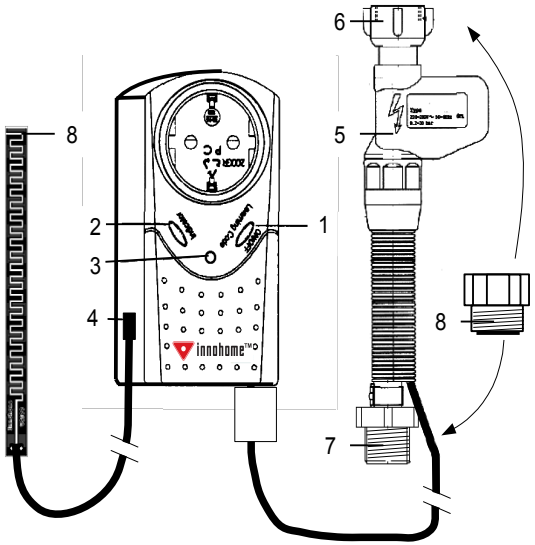
Power rating:	230 VAC 50 Hz 12A
Maximum power:	2800 W (ohmic load)
Identifying the alarm signals:	All the current fire alarms (adjustable identifying of the alarm signal allows identifying several different fire alarms)
Timer:	Starts automatically, can be set from 30 min to 5 hours by the user. Factory set to 1 hour.
Frequency:	433.92 Mhz (remote control)
Certification:	CE, FI, Casing IP20 (cannot be used in a plug box with a flap)
	(Patent FI 117526, PCT pending)
Additional information:	+358(0)941143357 info@innohome.com www.innohome.com



Fire and Leak Guard WFC101 user Manual

The function of the Fire and Leak Guard

The Fire and Leak Guard is a safety device that protects the washing machine/dishwasher from electric fires and leaks. When the Fire and Leak Guard is connected to the washing machine/dishwasher, it starts to follow the corded leak sensor (8) and to listen to the room. If the Guard notices that the washing programme is jammed, the washing machine/dishwasher is taking too much power for too long, the fire alarm signals or the leak sensor has identified a leak, it cuts off the electricity supply and the water to the washing machine. The water is cut off by using a magnetic valve. Thus the Fire and Leak Guard can stop electric fires and prevent water damage.



When the washing machine/dishwasher is switched on, the Fire and Leak Guard turns the electricity and water supply on and starts the timer automatically. A short while after the washing programme has finished, the Guard switches the electricity and water supply off (when the time in the timer has finished). The automatic timer is factory set to one hour. Note that the timer will start from the switching on of the washing machine/dishwasher, not from the starting of the washing programme. Therefore, if the washing programme is started long after the switching on of the washing machine/dishwasher, the timer might cut the electricity supply and the water off in the middle of the programme.

By pressing the button (1) on the Guard the electricity can be turned on and off. If the electricity supply is cut off because of the timer, it can be turned on again either by turning the washing machine off for a while and then on again, or by pressing the button (1) on the Guard once. The signal light (2) indicates that the washing machine is connected to the electricity. By turning the switch (3) with a small screwdriver, the identification of the alarm signal can be adjusted. The Fire and Leak Guard is factory set to identify the most common fire alarms.

Installing

1. Connect the Fire and Leak Guard between the plug socket and the plug of the washing machine/dishwasher. Adjust the magnetic valve (5 Optional Water Solenoid WS101) between the machine's hose and tap (see the picture on the back page).
2. Turn the electricity on by pressing the button (1) on the Guard.
3. Do an alarm test with the fire alarm. The fire alarm should be located at a maximum distance of five (5) meters from the Fire and Leak Guard. Let the fire alarm signal for at least 15 seconds. Check that when the fire alarm signals, the Guard turns the electricity supply off successfully. When the electricity supply is

turned off the Guard will emit a repetitive signal. If you are using a leak alarm as well, repeat the test alarm with that, starting from the point 2.

4. Connect the leak sensor(s) (8) to the input (4) at the side of the Fire and Leak Guard. Turn the electricity supply on by pressing the button (1). Repeat the alarm test by squeezing the leak sensor between your fingers. If the Fire and Leak Guard doesn't cut off the electricity, change the position of the Guard in the plug socket.
5. Position the Leak Sensor under the washing machine/dishwasher, at the front or in the middle. Attach the sensor from both ends by using a double-sided tape (enclosed), so that the middle of the sensor is left loose.
6. If you wish to use another leak sensor (accessory), position it under the sink, as low as possible, preferably under the lower shelf of the cupboard, as close to the drain and the water pipes as possible.
7. Switch the electricity back on by pressing the button (1). The Guard is now ready for use.

If a fire/leak alarm doesn't cause the Fire and Leak Guard to react, check that it's not located farther than five (5) metres from the Guard. If the Guard doesn't identify the alarm even though it is at a right distance and you've let the alarm to signal for at least 15 seconds, try adjusting the identification of the alarm signal (see below).

Adjusting the identification of the alarm signal

Switch the appliance on and do an alarm test with the fire/leak alarm. While the alarm signals, turn the switch (3) on the Guard slowly from one extremity to another, using a small screwdriver, until the Guard reacts by cutting off the electricity supply. If you use multiple alarms note that after the position of the identification switch has been changed, the Guard may only identify this particular alarm signal if it is very different from the other signals. If turning the switch (3) still doesn't cause the Guard to react it is possible that this fire/leak alarm is not compatible with the Guard. A list about fire alarms recommended by Innohome can be found at www.innohome.com.

Using the timer

The timer starts automatically when the washing machine is switched on. The timer will carry on until the time in it has finished, it won't reset even if the appliance is turned off and on again. To reset the timer, first switch off the washing machine and then press the button on the Guard once. If there are more than one appliances connected to the Guard, switch all the appliances off first and then press the button on the Guard. Note that if the washing programme is started a long time after the switching on of the washing machine/dishwasher, the timer might cut the electricity and water supply off in the middle of the programme.

Setting the timer

If the Fire and Leak Guard cuts off the electricity and water supply in the middle of the washing programme the timer needs to be set to a longer period. To do this, detach the Guard from the plug socket, wait for a while and then connect it back. Then (within 15 seconds) push the button (1) down. When the signal light starts to flash, keep the button down for another 4 seconds. Release the button and then set the time by pressing the button as many times as you want the time to be: one push equals 30 minutes. So for one hour 30 minutes, press the button three times. For two hours, press it four times, and so on. (The timer is factory set to one hour.) When 5 seconds have passed from your last press, the Guard will let you know the time that has now been set by giving out signals, each equalling 30 minutes. For instance, If the timer has been set to an hour and a half, the Guard will give out three signals.

Checking the time on the timer

To check what time the timer is set at, press the button (1) for five seconds. The signal light (2) will start to flash. After a while the Guard will show the time set in the timer by emitting signals, each signal means 30 minutes. For example, two signals means that the timer is set for an hour, three signals stands for an hour and a half and so on.

Turning the timer function off (for washing machines/dishwashers that have a timer)

If you don't wish to use the timer function in the Guard, it can be turned off in the following way: Detach the Guard from the plug socket. Wait for a short while, and then reconnect it. Push the button (1) down. When the signal light (2) starts to flash, keep the button down for another 4 seconds and then release the button. Now the timer function is off and the Guard can be used with a washing machine that has a timer. The Guard will cut off the electricity and water supply in the event of a fire alarm or in fault situations, but not after the washing programme has finished.

Installing a remote control (accessory)

To install a remote control (accessory), press the button (1) for five seconds. Once the signal light starts to flash, press the on/off button on the remote control which will stop the flashing. Now the remote control is ready for use.

Resetting the alarm

When the Fire and Leak Guard has identified an alarm and cut off the electricity supply, it will emit a repetitive signal. To turn the electricity back on, press the button (1) either on the guard or on the remote control (accessory).

Note

It is important to test the functioning of the Fire and Leak Guard at least once a month. Also make sure to change the batteries and clean the fire/leak alarm according to the instructions. Dirt or a weak battery in the fire/leak alarm may cause Fire and Leak Guard not to identify the alarm's warning signal.

Frequently Asked Questions

What to do when... The Guard doesn't react to the alarm signal of the fire/leak alarm?

Clean the fire/leak alarm with a hoover. Check the battery of the alarm and change it if needed. If the Fire and Leak Guard still fails to identify the signal try adjusting the identification switch on the Guard (see "adjusting the identification of the alarm signal").

The Guard reacts to a warning signal of another appliance, not the fire/leak alarm?

> Try adjusting the identification switch (3) so that the Guard identifies the alarm signal of the fire/leak alarm but doesn't react to the other appliance. Sometimes the Fire and Leak Guard might react to a sound coming through a TV, if it's on a very high volume, for example. Some ring tones of mobile phones may cause a false alarm. If so, change the ring tone.

The Guard has cut off the electricity and water supply and is giving out a repetitive signal, but the fire alarm hasn't signalled?

> The cut-off is caused by the leak sensor. Check if there is a leak somewhere, and if so, start the maintenance work. Dry the leak sensor well before switching the washing machine/dishwasher back on. If there is no leak, the leak sensor is dirty. Clean it well and dry properly before using it again.

The Guard is cutting off the electricity and water supply whilst the washing programme is still running?

> Check that the tap is open properly and that the waste water hose is ok. On some occasions some momentary alterations may cause the cutting off of the electricity and water. If this is the case the electricity and water can be turned on again by pressing the button (1) on the Guard. After switching the electricity and water back on, it is recommendable to make sure that the washing programme and the intake and outlet of the water work normally. After the programme has finished it's good to check the waste water filter. If the electricity and water turn off again the timer might be set for too a short time. To change it, see "setting the timer". Note also that the timer starts from the moment the washing machine is switched on, therefore if the washing programme is started long after that, the timer might cut the electricity off when the programme is still not finished.

The Guard doesn't turn the electricity and water on even though the washing machine is switched on?

> The Guard cannot recognize the switching on of some washing machines/dishwashers that have certain electronic programming equipment. In these cases the water and electricity have to be turned on before switching on the washing machine/dishwasher, by pressing the button (1) on the Guard.